

# HYDROCHLORIC ACID FROM OFF-GAS OF CHLORORGANIC PRODUCTION

TU 2122-020-13164401-95

 **HaloPolymer**  
www.halopolymer.com



**Manufacturer:**  
"HaloPolymer Kirovo-Chepetsk", LLC  
ISO 9001:2015

**Synonyms:** Muriatic acid; Hydrogen chloride, aqueous  
**Chemical formula:** H<sub>2</sub>O:HCl  
**CAS number:** 7647-01-0  
**EC number:** 231-595-7  
**HS code:** 2806100000



Hydrochloric acid is a fuming transparent or yellow liquid with a strong irritating odour. It is non-combustible, explosion-proof and chemically stable under normal operating conditions. Infinite in water with slight evolution of heat.

PROPERTIES	UNITS	GUARANTEED VALUE
<b>Mass fraction of hydrogen chloride</b>	%, min	27.5
<b>Mass fraction of free chlorine (Cl<sub>2</sub>)</b>	%, max	0.02
<b>Mass fraction of iron (Fe)</b>	%, max	0.02
<b>Mass fraction of organic chlorine-containing impurities</b>	%, max	0.08



## Main applications:

The product is used in chemical, petroleum, ferrous, non-ferrous and other industries as a raw material and functional reagent.



## Package:

Steel 65 tn rail-tanks, 1,1 tn intermediate bulk containers, burrels 227 l, road tank cars.



## Safety and Handling:

It is recommended to store the product in sealed containers made of materials resistant to hydrochloric acid (steel gummed or enameled inside, as well as lined with diabase or graphite-plastic tiles on the rubber underlayer) or any other material that provides resistance to acid. Before using, please read the Material Safety Data Sheet for getting information about the effects produced by the product on human health.



## Guarantee storage life:

1 year from the date of manufacture.